

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003765.D
 Acq On : 14 Dec 2020 22:13
 Operator : SY/MD
 Sample : VIBLK68
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK68

Quant Time: Dec 15 05:35:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	330434	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	313569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	153663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	111770	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.16%
7) Chloroethane-d5	2.77	69	87315	25.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.88%
10) 1,1-Dichloroethene-d2	3.86	63	168646	17.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.20%
20) 2-Butanone-d5	6.89	46	100888	51.34	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.68%
24) Chloroform-d	7.49	84	203615	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.15	65	125846	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	8.12	84	426432	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.13	67	131563	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	10.18	98	385923	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.96%
38) trans-1,3-Dichloropropene-	10.44	79	65743	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.44%
39) 2-Hexanone-d5	10.79	63	77812	49.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.86%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	117067	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	13.72	152	141270	25.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.40%

Target Compounds					Ovalue
16) Methylene chloride	4.72	84	9696	1.635 ug/L	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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